REMARKS

In the Office Action mailed November 16, 2004, the Examiner noted that claims 1-35 were pending, and rejected claims 1-35. Claims 1, 2, 18, 19 and 35 have been amended, and, thus, in view of the forgoing claims 1-35 remain pending for reconsideration which is requested. No new matter has been added. The Examiner's rejections are traversed below.

On page 2 of the Office Action, the Examiner rejected claims 1, 18 and 35 under 35 U.S.C. § 102 as anticipated by Chung. The Office Action rejects the remaining claims under 35 U.S.C. § 103 variously over Chung, Suzuki, King, Cole, Tamer and Moriyama.

The present invention, in an embodiment, is directed to a system in which a user defined process correlated to a particular file is automatically triggered and executed when an access to the file occurs, such as an access to read or write the file. More particularly, the present invention, in an embodiment, also has a file management unit that includes a data area where the file is managed and a meta data area where meta data is stored. The meta data correlates the file managed in the data area and the user defined process. (See independent claims 1, 18 and 35) The prior art does not teach or suggest such.

Chung discuses checking and restoring a user application process. A volatile state is checked and a persistent state is monitored to detect a file operation following a check position that will modify the persistent state. Then, portions of the persistent state are checked if a modification of the persistent state is about to be performed. Then, a recovery to the check position can be performed such that modifications to the persistent state since the checkpoint position are undone. This allows for resumption of the user application process from the checkpoint position. This says nothing about a file access triggering a user defined process and particularly nothing about a meta data area correlating the file and the user defined process.

Suzuki discusses a system in which a user format area of a storage medium stores an operating system (OS) and application programs. The area also includes meta data that consists of a USED FLAG, an ID STAMP, a USE COUNT, a USE TIME, an ERR STATUS, and a reserved area. Suzuki adds nothing to Chung with respect to the features of the present invention discussed above.

King discusses processes and data structures that allow data transfer between differently formatted disks of files specified by the user. The processes identify the file format of the disks, retrieve the files in the source file format, store the source files in a common format in memory that allows the directory hierarchy of the disks to be maintained, translates the files to

the format of the destination file system disk, creates index information for the destination disk, and stores the files, directories and indexes on the destination disk in the destination file format. King adds nothing to Chung and Suzuki with respect to the features of the present invention discussed above.

Cole discusses a system for managing distribution of data structures. A first data structure is received including a first version identifier. The version identifier is stored for the first data structure. A second structure is received including a second version identifier. Responsive to receiving a second data structure, a determination is made as to whether the second data structure is a replacement for the first data structure. Responsive to the second data structure being a replacement for the first data structure, a determination is made as to whether the first version identifier is different from the second version identifier. Responsive to a determination that the first version identifier is different from the second version identifier, the first data structure is replaced with the second data structure. Cole adds nothing to Chung, Suzuki and King with respect to the features of the present invention discussed above.

Tamer discusses a system for manipulating data in a storage device that is coupled to a host computer. Manipulations include moving non-contiguous blocks of data between the host computer and the storage device in a single operation, copying data from one logical object that is defined on the host computer to another, initializing, backing-up, transforming, or securely deleting a logical object that is defined by the host computer with a single command. Tamer adds nothing to Chung, Suzuki, King and Cole with respect to the features of the present invention discussed above.

Moriyama discusses a system in which if an object enters a waiting state due to a problem while future-based message passing is being performed, the object is able to exit from the waiting state without needing to execute time-out processing. When processing of a server object is completed, status data indicating the result is stored. By reading the data stored in the data area, the client object receives the status data. Moriyama adds nothing to Chung, Suzuki, King, Cole and Tamer with respect to the features of the present invention discussed above.

The dependent claims depend from the above-discussed independent claims and are patentable over the prior art for the reasons discussed above.

It is submitted that the claims are not taught, disclosed or suggested by the prior art.

The claims are therefore in a condition suitable for allowance. An early Notice of Allowance is requested.

If any further fees, other than and except for the issue fee, are necessary with respect to this paper, the U.S.P.T.O. is requested to obtain the same from deposit account number 19-3935.
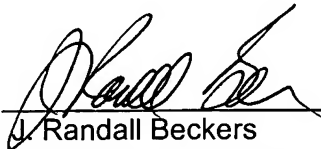
Respectfully submitted,

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